

III. REMARKS

Claims 1-2, 5, 21-27, 29, and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Parker in view of Muramatsu.

The independent claims have been amended to recite that it is an electrical resistance which is measured. The Examiner concedes that Parker fails to disclose this and cites Muramatsu for this concept citing Col. 2, lines 5-22. However, it is recited therein "...providing a first resistance to the motion..." the same is true for the second resistance. Plainly, this reference is about mechanical and not the presently claimed electrical resistance. Thus even if the references are combined, the result is not the present invention.

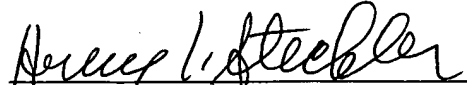
Thus the rejection of claims 1-2, 5, 21-27, 29, and 31 should be withdrawn.

Similarly, White and Rogers fail to disclose the electrical resistance concept. Thus the rejection of the remaining claims should be withdrawn.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


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Aug 16, 2005
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